

080.08 22.520

Purchase Order Receipt Listing

Wednesday, February 22, 2017 8:57:01 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO35309 Receipt Dates from 2/17/2017 to 2/17/2017 All Line Item Types
 All Item ID/GL/WOs All Rec. Employees All Currencies
 Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID/Vendor Name VC-CAM002 Acier Ouellette Inc.											
PO35309	1		M1010S18GA	sf	2/17/2017	2/17/2017	32.0000	\$1.15	0.0000	0	\$36.89
CAD	No		1010/1025 SHEET .048 9-89	sf	32.0000	PLOU01		\$36.89	0.0000	0	
			m136896								
	2		M202413S.080	sf	2/17/2017	2/17/2017	48.0000	\$6.71	0.0000	0	\$321.99
	No		2024-T3 .080 sheet	sf	48.0000	PLOU01		\$321.99	0.0000	0	
			m136896								
	4		M303B1.000X1.000	f	2/17/2017	2/17/2017	12.8000	\$7.36	0.0000	0	\$94.27
	No		303 BAR 1" X 1"	f	12.0000	PLOU01		\$94.27	0.0000	0	
			m136896								
	6		M304R1.000	f	2/17/2017	2/17/2017	12.0000	\$3.58	0.0000	0	\$42.94
	No		304 round bar 1.00	f	12.0000	PLOU01		\$42.94	0.0000	0	
			m136896								
	7		M304S14GA	sf	2/17/2017	2/17/2017	32.0000	\$6.43	0.0000	0	\$205.71
	No		304SS sheet .080	sf	32.0000	PLOU01		\$205.71	0.0000	0	
			m136896								
	8		M304S16GA	sf	2/17/2017	2/17/2017	32.0000	\$5.00	0.0000	0	\$160.06
	No		304/316 Sheet .063	sf	32.0000	PLOU01		\$160.06	0.0000	0	
			m136896								
	9		M304S22GA	sf	2/17/2017	2/17/2017	64.0000	\$2.34	0.0000	0	\$149.60
	No		304/316 .032 Sheet	sf	64.0000	PLOU01		\$149.60	0.0000	0	
			m136896								
	10		M304S24GA	sf	2/17/2017	2/17/2017	32.0000	\$2.15	0.0000	0	\$68.67
	No		304/316 .025 Sheet	sf	32.0000	PLOU01		\$68.67	0.0000	0	
			m136896								
	12		M606T6S.063	sf	2/17/2017	2/17/2017	96.0000	\$2.40	0.0000	0	\$229.96
	No		6061-T6 .063 Sheet	sf	96.0000	PLOU01		\$229.96	0.0000	0	
			m136896								

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Rev Date/ Rev Emp	Rev Qty (PO U/M)	Cost Per Unit/ Rev Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-CAM002 Acier Ouellette Inc.											
PO35309	13		M6061T6R0.625	sf	2/17/2017	2/17/2017	64.0000	\$5.22	0.0000	0	\$333.98
CAD	No		6061-T6 125 Sheet m136896-89	sf	64.0000	PLOU01		\$333.98	0.0000	0	
	15		M6061T6R0.500	f	2/17/2017	2/17/2017	20.0000	\$0.45	0.0000	0	\$8.98
	No		6061-T6 Round Bar .500" m136896-89	f	20.0000	PLOU01		\$8.98	0.0000	0	
	16		M6061T6R0.563	f	2/17/2017	2/17/2017	12.0000	\$3.27	0.0000	0	\$39.19
	No		6061-T6 ROUND BAR .563" m136896	f	12.0000	PLOU01		\$39.19	0.0000	0	
	17		M6061T6R0.625	f	2/17/2017	2/17/2017	20.0000	\$0.75	0.0000	0	\$14.98
	No		6061-T6 Round Bar .625" m136896	f	20.0000	PLOU01		\$14.98	0.0000	0	
	18		M6061T6R1.000	f	2/17/2017	2/17/2017	20.0000	\$1.90	0.0000	0	\$37.96
	No		ROUND BAR 1.00" m136896-89	f	20.0000	PLOU01		\$37.96	0.0000	0	
	19		M6061T6R1.500	f	2/17/2017	2/17/2017	20.0000	\$4.02	0.0000	0	\$80.39
	No		6061-T6 Round Bar 1.50" m136896-89	f	20.0000	PLOU01		\$80.39	0.0000	0	
	21		71401-45		2/17/2017	2/17/2017	1.0000	\$0.00	0.0000	0	\$0.00
	No		PROCUREMENT QUALITY CLAUSES m136896		1.0000	PLOU01		\$0.00	0.0000	0	
Total Received Quantity:											517.8000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$1,825.57
Total Balance Due Quantity:											0.0000



DELIVERY - USINE

CO00015709

ACIER OUELLETTE INC.

935, Boul. du Havre
Sahaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N° CL10001056
Date 2017/02/14
Delivery date 2017/02/17
Your order N° 35309
Processed by Josianne Bourdon
Salesman
Carrier OUELLETTE VALLEYFIELD
Credit Terme NET 30
Page 1

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

DART AEROSPACE LTD
, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CHD	EXP	B/O	IN	I	S	C	OUT
1 CR SHEET 18G (4 X 8) FECR-18G48 3200 1 X 4' X 8' HEAT: TU-6200715E60-2016 9-89	64.00	32.00	PI2_\$CLB								
2 ALU SHEET .081 (12G) 2024 T3 (4 X 12) FEAL-0814122024 3192 1 X 4' X 12' BARE HEAT: 200838B1 9-89	54.77	48.00	PI2_\$CLB								
3 ROUND SS 3/4 304 (12R) RSS-34-12 5759 1 X 12' R/L HEAT: 010T 9-89	18.02	12.00	PI_\$CLB								
4 SHEET SS 14G SS304-2B (4 X 8) FESS-14G483042B 3412 1 X 4' X 8' HEAT: X7D8 9-89	104.99	32.00	PI2_\$CLB								

Next Page...



DELIVERY - USINE

CO00015709

ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N° CLI0001056
Date 2017/02/14
Delivery date 2017/02/17
Your order N° 35309
Processed by Josianne Bourdon
Salesman
Carrier OUELLETTE VALLEYFIELD
Credit Terme NET 30
Page 2

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

DART AEROSPACE LTD
, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-H

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
5 SHEET SS 16G SS304-2B (4 X 8) FESS-16G483042B 3419 1 X 4' X 8' HEAT: X9C7	84.00	32.00	PI2_\$CLB								
6 SHEET SS 22G SS304-2B (4 X 8) FESS-22G483042B 3436 2 X 4' X 8' HEAT: 508507	84.03	64.00	PI2_\$CLB								
7 SHEET SS 24G SS304-2B (4 X 8) FESS-24G483042B 3441 1 X 4' X 8' HEAT: 001K	33.60	32.00	PI2_\$CLB								
8 ALU SHEET .032 (20G) 6061-T6 (4 X 8) FEAL-032486061 3100 2 X 4' X 8' HEAT	28.93	64.00	PI2_\$CLB								
9 ALU SHEET .064 (14G) 6061-T6 (4 X 8) FEAL-064486061 3175 3 X 4' X 8' HEAT: 6150987001	86.50	96.00	PI2_\$CLB								

Next Page...



ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

DELIVERY - USINE

C000015709

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

DART AEROSPACE LTD
,
Ontario,

At: CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Customer N°

CLI0001056

Date

2017/02/14

Delivery date

2017/02/17

Your order N°

35309

Processed by

Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

NET 30

Page

3

Instruction F-M

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
10 ALU SHEET 1/8 6061-T6 (4 X 8) FEAL-18486061 4256 2 X 4' X 8' HEAT 6151024	112.90	64.00	PI2_\$CLB								
11 ALU SHEET .051 (16G) 6061-T6 (4 X 8) FEAL-051486061 3149 1 X 4' X 8' HEAT	22.98	32.00	PI2_\$CLB								
12 ROUND ALU 1/2 6061-T6 (20) RAL-12-20 5126 1 X 20' HEAT 67463	4.62	20.00	PI_\$CLB								
13 ROUND ALU 9/16 6061-T6 (12) RAL-916-12 5178 1 X 12' HEAT 09211504	3.52	12.00	PI								
14 ROUND ALU 5/8 6061-T6 (20) RAL-58-20 5168 1 X 20' HEAT 66092	7.22	20.00	PI_\$CLB								

Next Page...



DELIVERY - USINE

C000015709

ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
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Salesman
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Credit Terme NET 30
Page 4

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

DART AEROSPACE LTD
Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M**Delivery Route** 5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
15 ROUND ALU 1 6061-T6 (20) RAL-1-20 5125 1 X 20' HEAT: 64405 DAS 9 8-89	18.50	20.00	PI_#CLB								
16 ROUND ALU 1 1/2 6061-T6 (20) RAL-112-20 5118 1 X 20' HEAT: 65124 DAS 9 8-89	41.52	20.00	PI_#CLB								
17 CARRE SS 303 1" X 12' NS00003415 1 X 12' R/L HEAT: 268522 DAS 9 8-89		1.00	UN_#UN								
18 ROND SS303 1" X 12' R/L NS00003416 1 X 12' R/L HEAT: CH-2832		1.00	UN_#UN								

Conditions :

All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 20% resending charge.

Total Weight (Lbs) : 770.10

Prepared By :	Verified By :	Delivered By :	Time		Y	M	D
Customer's Signature				Date			

Total (\$CAD)

Duferco

EN10204 : 2004 Type 3.1

TEST ANALYSIS CERTIFICATE**Duferco Steel Processing**1 Potassium Street, Industrial Park, Private Bag X12,
Saltedra, 7395, R.S.A. Telefax: +27 22 709 7084
Telephone: +27 22 709 7000

CERTIFICATE NO:

PAGE NO:

ISSUE DATE:

SALES ORDER NO: 18402

ITEM: 4

349477

1/1

2018/03/22

CUSTOMER:

Duferco USA

Shipped to USA

ORDER NO 1:

1103145958

CONDITION:

Prime

PRODUCT SPECIFICATION: ASTM A 1008 - (2010) CS Type B - Comm

THICKNESS:

1.1178 mm

WIDTH: 1219.20 mm

ROUTE / VESSEL: Intertek Levy

MATERIAL DESCRIPTION: Cold Finished

FORM: Coil

STOP / PORT:

MONTREAL

CHEMICAL COMPOSITION (%)

Steel No.	C	Mn	P	S	Si	Al	N	Cu	Ni	Cr	Mo	Sn	V	Nb	Ti	B	As	Ant
Y007417265	0.05	0.17	0.0110	0.0060	0.03	0	0.0025	0.01	0.0052	0.0190	0.0005	0	0.0026	0.0001	0.0008	0.0013	0	0.0250

Steel No.	Nett (ton)	0.2% Yield Strength (MPa)	Tensile Strength (MPa)	Gauge Length (mm)	Elongation (%)	Hardness (HRC)	Adherence Band
Y007417265	9.560	221	330	50	43	52	

TAG COUNT PER HEAT:

1

NETT WEIGHT:

9.560 ton

C079105

REMARKS: All other requirements in accordance with the specifications and Contract. Material has been satisfactorily inspected in accordance with the specification.

TAG SUMMARY

TAG COUNT:

1

WEIGHT:

9.560 ton

CUSTOMER REPRESENTATIVE:

WORKS REPRESENTATIVE:



Jacek Skrzypczak

Reg. No. 1967/001978/07

Duferco Steel Processing (Pty) Ltd, 1 Potassium Street, Industrial Park, Private Bag X12, Saltedra, 7395, R.S.A. Telefax: +27 22 709 7004 Telephone: +27 22 709 7000

SHIP TO:

SOLD TO:

KAISER
ALUMINUM
 Trentwood Works - Spokane, WA 99215
 Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
 4441872

CUSTOMER PO NUMBER: C73458-3		WORK PACKAGE:		CUSTOMER PART NUMBER:		SHIP REINLOAD:		GOVT CONTRACT NUMBER:	
KAISER ORDER NO: 1224171-3		SHIP DATE: 1-DEC-2016		ALLOY: 2024		CLAD: T3		TEMPER: T3	
WEIGHT SHIPPED: 3225 LB		QUANTITY: 58 PCS EST.		TRUCK BL #: 2063781		GAGE: 0.0800 IN (2.0320 MM)		DIAMETER WIDTH: 48.000 IN (1219.2 MM)	
						PRODUCT DESCRIPTION: Kaiser Stretched		LENGTH: 144.000 IN (3657.6 MM)	

MHU 2082084; LOT 200838B1; 58 pieces; *D711100*

Certified Specifications

AMS 4037/RevQ
 CMMP 019/RevD
 Test Code: 1504
 Lot: 200838B1
 Cast 300
 Drop 98
 Test Results
 Ingot 2
 Melted in USA

(ASTM B9/B557)
 (EN 2002-1)
 Tensile: T3
 Dir / # Tests
 LT / 2 (Min:Max)
 Ultimate KSI (MPa)
 66.0 : 66.6
 (455 : 458)
 Yield KSI (MPa)
 45.6 : 46.1
 (314 : 318)
 Elongation %
 17.0 : 18.1

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.08	0.18	4.6	0.58	1.3	0.01	0.10	0.03	0.01	0.00	TOT 0.05

ALLOY LIMITS

2024	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
MIN(wt%)	0.00	0.00	3.8	0.30	1.2	0.00	0.00	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.16	0.05	0.05	TOT	0.15

Aluminum Remainder

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4441872

CERTIFICATION

[illegible]

JAMES HEMENWAY, TECHNICAL PROCESS MANAGER



North American Stainless Canada Inc.
740 Imperial Road North
Geoph, ON N1K1Z3
Canada

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 187189 1 Mail To:

Sold To:

Date: 6/09/2016 Page: 1

Customer: 007035 510

Steel: 304/304L

Finish: CO

Corrosion: ASTM A262-10 Finc A/E OK

TOAR Order: 779534

NAS Order: PM 0065957 04

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
UNS 30400/30403 IM 18204 3.1, ASTM A484/15
ASTM A276/15, ASTM A479/15, ASTM A192/13 CHEN ONLY.
ASTM A276/13, ASTM A479/13, ASTM A192/13 CHEN ONLY
AMS 5638K, AMS 5647J, AMS QQ-S-763D, QQ-S-763F, ASTM F899/11
SOLUTION ANNEAL TEMP 1900F MIN, ASTM A120/D9 CL 1 ER 30
ASTM A193/10A-ASTM A193/10 CL 1 ER 30

REMARKS:

CONV-LIN W/REQUIREMENTS OF SPAN 252.225-7069 NO DIRECTIVE
2012/65/EU. BMS. NAT+MOD+CC. NO WELD REPAIR. REPAIRS AND NPG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONCENTRATION

Product Id	Mid 2 Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
009738 8	.7500		1.123	144.00	13	1	71557078

CHEMICAL ANALYSIS Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L1333
CN(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Chemical Analysis per ASTM A751/16a

REMARK	CH	C %	CO %	CR %	CU %	FE %	MO %	N %	NI %	P %
010T	US	.0226	.1750	18.8295	.4170	1.6310	.2995	.0725	8.5145	.0270
		S %	SI %							
		.0275	.2480							

MECHANICAL PROPERTIES

Product Id	1 4	2 1	2 2	2 3	2 4	2 5	2 6	2 7	2 8	2 9	2 10
	1 4	2 1	2 2	2 3	2 4	2 5	2 6	2 7	2 8	2 9	2 10
	1 4	2 1	2 2	2 3	2 4	2 5	2 6	2 7	2 8	2 9	2 10
009738 8	R L	200.0	70.45	96.22	72.65	56.90					

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Rept. Mgr.

KRIS LAKE

6/09/2016

ALLEN CHASE INC. P.O. - 69939 B.O. - 375717

45760

69959

RSS 34



Certification: 143644 1 Ball Fo:

Customer: 007035 510

METALLURGICAL TEST REPORT

North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

Date: 3/22/2016 Page: 1

Steel: 104

Finish: 2nd

Corrosion: ASTM A263/14 A:160Bend-OK

Your Order: 774450

NSA Order: PW 006010B 02

PRODUCT DESCRIPTION:

STANLEY/STANLEY DOYL, C.R. ARNOLD & FICHARD; UMS 30400
ASTN 2740/15A, 2480/16B, 2466/15; ARNOLD 2247/13, 2248/13, 2246/13
CHEN ONLY ON FOLLOWING ASTN: 2276/13, 2479/13A, 2484/13B, A312/13
CHEN ONLY ON FOLLOWING ARNOLD: 2247/13, 2479/13
AMN 2523/5 XNRL; MIL-8-5059D ARNOLD (X CHEN) 2248/13
NACK 2247/15 13558-3; 2289 A, 22403/07/07, Q287660-A I NAC 2289
FILE. SOLATION ARNOLD TRIP 1987, WATER COURTESY

REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.
 HW 10204:2004 3.1; RoHS 1 & 2 Compliant
 Material is Free of Radioactive Contamination
 Steel Making Process: RAP, AOD, & Cont. Casting
 Product Mfg. by a Quality Mat. Sys. in Conf. w/ISO 9001
 "Melted & Manufactured in the USA: Mat'l is UPAAS Compliant
 "Melted & Manufactured in the USA: Mat'l is UPAAS Compliant

Lab Accreditation Bureau, ISO/INC 17025, Certificate# L2923

CHEMICAL ANALYSIS

CN(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

Chemical Analysis per ASTM A751/00

ITEM	CM	C %	CM %	CO %	ME %	MO %	H %	SL %	F %	S %
X7DB	US	.0884	16.1330	.4215	1.7985	.1050	.0617	3.0970	.0310	.0210
		SI %								
		.3045								

MECHANICAL PROPERTIES

Product ID#	Coil #	1 d o f c K	UTS KSI	20C .2% TS KSI	20C ELONG %-2"	% Hard RB	Tail Hard	Grain No.
04X7DS A	04X7DS A	F T	104.35	35.04	45.44	91.80	86.80	9.00

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mex.

KRIS LARK

2/22/2016

ACIER CRAFT INC. P.O. - 69039 MT 69032 S.O. - 372289



METALLURGICAL TEST REPORT

North American Stainless Canada Inc.
740 Imperial Road North
Geoph, ON N1K1Z3
Canada

740 Imperial Road North

Certificate: 150465 3 Mail To:

Ship To:

Date: 3/04/2016 Page: 1

Steel: 304

Customer: 007033 510

Finish: 2B

Corrosion: ASTM A262/14 A; 100Bend-OK

Your Order: 776036

NAS Order: PN 0062788 06

PRODUCT DESCRIPTION:

STAINLESS STEEL COIL, C.R. ANNEALED & PICKLED, UNS 30400
ASTM A240/15a, A490/14b, A666/15, ASME SA240/13, SA480/13, SA666/13
CHEM ONLY ON FOLLOWING ASTM: A276/13, A479/13a, A484/13a, A312/13
CHEM ONLY ON FOLLOWING ASTM: SA312/13, SA479/13
AMS 5513J UNS, MIL-S-5059D AMNH03 (2 CROWN REELS)
FACE ME0175/ISO 15156-1:2009 A, ME0103/07/Q06766D-A X 1/2S PERM
MIL. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED

REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.
EN 10204:2004 3.1; NORS 1 & 2 Compliant
Material is Free of Radioactive Contamination
Steel Making Process: EAF, AOD, & Cont. Casting
Product Mfg. by a Quality Mfg. Sys. in Conf. w/ISO 9001
*Melted & Manufactured in the USA; Mat'l is DPARS Compliant
*Melted & Manufactured in the USA; Mat'l is DPARS Compliant

Product Id	Coil #	Skid # Thickness	Width	Weight	Length	Mark	Pieces	Commodity Code
05X9C7 AAD	05X9C7 AAD	0.0175	48.0000	6.250	COIL	10	1	74264052

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323

Chemical Analysis per ASTM A751/08

CHEMICAL ANALYSIS										
	CM(Country of Melt)	ES(Spain)	US(United States)	ZA(South Africa)	JP(Japan)	CHEMICAL ANALYSIS FOR OTHER ELEMENTS				
ITEM#	CM	C %	CR %	CU %	MM %	MO %	NI %	SI %	P %	S %
05X9C7	US	.0531	18.1900	.6410	1.7495	.3555	.0557	8.8405	.0298	.0010
		SI %								
		.2360								

MECHANICAL PROPERTIES

Product Id	Coil #	1 d	UTS	20C	2% YS	20C	ELONG	% Hard	Tail	Grain
		o i	FTS	KSI	KSI	%-2"	HB	HB	Hard	No.
05X9C7 AAD	05X9C7 AAD	P T	95.57	49.36	49.91	87.00	84.50	9.00		

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

KRIS LARK

3/04/2016

PSS 48166

59032



INSPECTION CERTIFICATE CERTIFICADO DE INSPECCION ABNÄHMEPROTOKOLL

according to / de acuerdo con / nach
EN 10204-3.1

1 Steel Drive; P.O. Box 13000; Calvert, AL 36613-1300

Customer's Order number / N° del Pedido Cliente / Auftragsnummer:

C16389

Manufacturer's work order no. / N° de Pedido Manufacturero / Werkauftrag:

901190658 / 010

Delivery note no. / N° de Entrega / Lieferungsbeleg Nr.:

85372316 / 010

Product / Producto / Erzeugnis

SHEET/HOJAS/BLICH

Size, grade and quality / Norm / Stahlklasse und Gütegruppe

TYPE 304L/309

Product dimensions (Thickness / Width / Length) /
Dimensiones (Espesor / Ancho / Largo) /
Maße des Erzeugnisses (Dicke / Breite / Länge)

0.09 mm x 1.219 20 mm x 2.438 40 mm

0.0271 inch x 48.0000 inch x 96.0000 inch

Actual weight /
Peso actual /
Ist-Gewicht

3.349 lb / 1.519 kg

3.366 lb / 1.527 kg

3.351 lb / 1.520 kg

2.824 lb / 1.281 kg

12.860 lb / 5.847 kg

Sum / Suma / Summe

342

Customer's Material no. /
Número de material del cliente /
Kundenmaterial-Nr.

ASTM A240/240M, ASME SA-240 Sec. II Part A Ed. 2015

ASTM A480/480M, ASME SA-480 Sec. II Part A Ed. 2015

ASTM A666-15

Heat No. /
N° de fundición /
Erzeugnisnummer

508749 USA

508507 USA

Sample Position /
Localización de la muestra /
Probenlage

TRANSVERSE

Inspection lot /
Lote de inspección /
Lose

1000338802

1000338803

1000336023

1000336024

Heat No. /
N° de fundición /
Schmelznr.

508507

508749

508507

Sample ID /
N° de muestra /
Proben-ID

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Schmelznr.

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INSPECTION CERTIFICATE

CERTIFICADO DE INSPECCION

Page / Pagina / Seite.

212

EN 10204-3.1

Free of radioactive contamination

EU RoHS Directive 2011/65/EU Compliant

Product manufactured in the USA

Country of Heat as per ISO 3166-1



Original of the document / Original des Dokuments /
Aussteller der Bescheinigung

Outokumpu Stainless USA, LLC
An ISO 9001:2008 certified company
EU PED 97/23/EC, Annex I, 4.3 certified

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Lernaktivitäten und Lernaktivitäten /

The information provided is a true copy of data on file.
Les valeurs mentionnées correspondent à los datos archivados.
Die genannten Werte entsprechen den gespeicherten Daten.

Andrew F. Jackson
PHONE: +1 251 829 3492

Nome d'espert / Nombre del experto / Name des Sachverständigen

Date of issue and validation
Fecha de emisión y validación
Datum Ausgabelung / Begattungs-5102/60/2T
12/09/2015

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North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

METALLURGICAL TEST REPORT

6670 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6900

Certificate: 181869 1 Ball To:

Shd To:

Date: 5/25/2016 Page: 1

Customer: 007025 011

Steel: 304/304L

Flange: 2B

Corrosion: ASTM A262/15 A168end-OR

Your Order: C16724

NAS Order: DB 0009809 01

PRODUCT DESCRIPTION:

SUS304 STEEL COIL, C.R. ANNEALED & PICKLED. UNS 30400/30403
Mat'l 3040/15, A466/15, A466/15, A466/15, A466/15, A466/15, A466/15
ITEM ONLY OR FOLLOWING ASTM: A276/15, A479/15, A466/15, A312/16
OTHER ONLY OR FOLLOWING ASTM: A312/13, A466/15, A312/16
UNS 3040/15, A466/15, A466/15, A466/15, A466/15, A466/15, A466/15
ITEMS 3040/15, A466/15, A466/15, A466/15, A466/15, A466/15, A466/15
ITEM SOLUTION ANALYST TEMP 1900F, WATER GROUND

REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.
Mat'l 10204:2004 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 3.10, 3.11, 3.12, 3.13, 3.14, 3.15, 3.16, 3.17, 3.18, 3.19, 3.20, 3.21, 3.22, 3.23, 3.24, 3.25, 3.26, 3.27, 3.28, 3.29, 3.30, 3.31, 3.32, 3.33, 3.34, 3.35, 3.36, 3.37, 3.38, 3.39, 3.40, 3.41, 3.42, 3.43, 3.44, 3.45, 3.46, 3.47, 3.48, 3.49, 3.50, 3.51, 3.52, 3.53, 3.54, 3.55, 3.56, 3.57, 3.58, 3.59, 3.60, 3.61, 3.62, 3.63, 3.64, 3.65, 3.66, 3.67, 3.68, 3.69, 3.70, 3.71, 3.72, 3.73, 3.74, 3.75, 3.76, 3.77, 3.78, 3.79, 3.80, 3.81, 3.82, 3.83, 3.84, 3.85, 3.86, 3.87, 3.88, 3.89, 3.90, 3.91, 3.92, 3.93, 3.94, 3.95, 3.96, 3.97, 3.98, 3.99, 4.00, 4.01, 4.02, 4.03, 4.04, 4.05, 4.06, 4.07, 4.08, 4.09, 4.10, 4.11, 4.12, 4.13, 4.14, 4.15, 4.16, 4.17, 4.18, 4.19, 4.20, 4.21, 4.22, 4.23, 4.24, 4.25, 4.26, 4.27, 4.28, 4.29, 4.30, 4.31, 4.32, 4.33, 4.34, 4.35, 4.36, 4.37, 4.38, 4.39, 4.40, 4.41, 4.42, 4.43, 4.44, 4.45, 4.46, 4.47, 4.48, 4.49, 4.50, 4.51, 4.52, 4.53, 4.54, 4.55, 4.56, 4.57, 4.58, 4.59, 4.60, 4.61, 4.62, 4.63, 4.64, 4.65, 4.66, 4.67, 4.68, 4.69, 4.70, 4.71, 4.72, 4.73, 4.74, 4.75, 4.76, 4.77, 4.78, 4.79, 4.80, 4.81, 4.82, 4.83, 4.84, 4.85, 4.86, 4.87, 4.88, 4.89, 4.90, 4.91, 4.92, 4.93, 4.94, 4.95, 4.96, 4.97, 4.98, 4.99, 5.00, 5.01, 5.02, 5.03, 5.04, 5.05, 5.06, 5.07, 5.08, 5.09, 5.10, 5.11, 5.12, 5.13, 5.14, 5.15, 5.16, 5.17, 5.18, 5.19, 5.20, 5.21, 5.22, 5.23, 5.24, 5.25, 5.26, 5.27, 5.28, 5.29, 5.30, 5.31, 5.32, 5.33, 5.34, 5.35, 5.36, 5.37, 5.38, 5.39, 5.40, 5.41, 5.42, 5.43, 5.44, 5.45, 5.46, 5.47, 5.48, 5.49, 5.50, 5.51, 5.52, 5.53, 5.54, 5.55, 5.56, 5.57, 5.58, 5.59, 5.60, 5.61, 5.62, 5.63, 5.64, 5.65, 5.66, 5.67, 5.68, 5.69, 5.70, 5.71, 5.72, 5.73, 5.74, 5.75, 5.76, 5.77, 5.78, 5.79, 5.80, 5.81, 5.82, 5.83, 5.84, 5.85, 5.86, 5.87, 5.88, 5.89, 5.90, 5.91, 5.92, 5.93, 5.94, 5.95, 5.96, 5.97, 5.98, 5.99, 6.00, 6.01, 6.02, 6.03, 6.04, 6.05, 6.06, 6.07, 6.08, 6.09, 6.10, 6.11, 6.12, 6.13, 6.14, 6.15, 6.16, 6.17, 6.18, 6.19, 6.20, 6.21, 6.22, 6.23, 6.24, 6.25, 6.26, 6.27, 6.28, 6.29, 6.30, 6.31, 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7.98, 7.99, 8.00, 8.01, 8.02, 8.03, 8.04, 8.05, 8.06, 8.07, 8.08, 8.09, 8.10, 8.11, 8.12, 8.13, 8.14, 8.15, 8.16, 8.17, 8.18, 8.19, 8.20, 8.21, 8.22, 8.23, 8.24, 8.25, 8.26, 8.27, 8.28, 8.29, 8.30, 8.31, 8.32, 8.33, 8.34, 8.35, 8.36, 8.37, 8.38, 8.39, 8.40, 8.41, 8.42, 8.43, 8.44, 8.45, 8.46, 8.47, 8.48, 8.49, 8.50, 8.51, 8.52, 8.53, 8.54, 8.55, 8.56, 8.57, 8.58, 8.59, 8.60, 8.61, 8.62, 8.63, 8.64, 8.65, 8.66, 8.67, 8.68, 8.69, 8.70, 8.71, 8.72, 8.73, 8.74, 8.75, 8.76, 8.77, 8.78, 8.79, 8.80, 8.81, 8.82, 8.83, 8.84, 8.85, 8.86, 8.87, 8.88, 8.89, 8.90, 8.91, 8.92, 8.93, 8.94, 8.95, 8.96, 8.97, 8.98, 8.99, 9.00, 9.01, 9.02, 9.03, 9.04, 9.05, 9.06, 9.07, 9.08, 9.09, 9.10, 9.11, 9.12, 9.13, 9.14, 9.15, 9.16, 9.17, 9.18, 9.19, 9.20, 9.21, 9.22, 9.23, 9.24, 9.25, 9.26, 9.27, 9.28, 9.29, 9.30, 9.31, 9.32, 9.33, 9.34, 9.35, 9.36, 9.37, 9.38, 9.39, 9.40, 9.41, 9.42, 9.43, 9.44, 9.45, 9.46, 9.47, 9.48, 9.49, 9.50, 9.51, 9.52, 9.53, 9.54, 9.55, 9.56, 9.57, 9.58, 9.59, 9.60, 9.61, 9.62, 9.63, 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12.55, 12.56, 12.57, 12.58, 12.59, 12.60, 12.61, 12.62, 12.63, 12.64, 12.65, 12.66, 12.67, 12.68, 12.69, 12.70, 12.71, 12.72, 12.73, 12.74, 12.75, 12.76, 12.77, 12.78, 12.79, 12.80, 12.81, 12.82, 12.83, 12.84, 12.85, 12.86, 12.87, 12.88, 12.89, 12.90, 12.91, 12.92, 12.93, 12.94, 12.95, 12.96, 12.97, 12.98, 12.99, 13.00, 13.01, 13.02, 13.03, 13.04, 13.05, 13.06, 13.07, 13.08, 13.09, 13.10, 13.11, 13.12, 13.13, 13.14, 13.15, 13.16, 13.17, 13.18, 13.19, 13.20, 13.21, 13.22, 13.23, 13.24, 13.25, 13.26, 13.27, 13.28, 13.29, 13.30, 13.31, 13.32, 13.33, 13.34, 13.35, 13.36, 13.37, 13.38, 13.39, 13.40, 13.41, 13.42, 13.43, 13.44, 13.45, 13.46, 13.47, 13.48, 13.49, 13.50, 13.51, 13.52, 13.53, 13.54, 13.55, 13.56, 13.57, 13.58, 13.59, 13.60, 13.61, 13.62, 13.63, 13.64, 13.65, 13.66, 13.67, 13.68, 13.69, 13.70, 13.71, 13.72, 13.73, 13.74, 13.75, 13.76, 13.77, 13.78, 13.79, 13.80, 13.81, 13.82, 13.83, 13.84, 13.85, 13.86, 13.87, 13.88, 13.89, 13.90, 13.91, 13.92, 13.93, 13.94, 13.95, 13.96, 13.97, 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19.70, 19.71, 19.72, 19.73, 19.74, 19.75, 19.76, 19.77, 19.78, 19.79, 19.80, 19.81, 19.82, 19.83, 19.84, 19.85, 19.86, 19.87, 19.88, 19.89, 19.90, 19.91, 19.92, 19.93, 19.94, 19.95, 19.96, 19.97, 19.98, 19.99, 20.00, 20.01, 20.02, 20.03, 20.04, 20.05, 20.06, 20.07, 20.08, 20.09, 20.10, 20.11, 20.12, 20.13, 20.14, 20.15,

PAG 146V

3

MILL TEST/QUALITY CONTROL CERTIFICATE

ALMAN ALUMINIUM INC.

No.55 TingHong Road Nanning, Guangxi, 530031, China

CUSTOMER
EMPIRE RESOURCES, INC.

ADDRESS
2115 LINWOOD AVENUE, 2ND FLOOR, FORT LEE, NJ 07024, USA

PRODUCT TYPE
PRIME ALUMINUM COIL

DATE: February 20, 2018

UNIQUE Lot Number	HEAT Number	Dimension (mm)	Dimension (inch)	Act Thick (mm)	Act Thick (inch)	Weight MT	Alloy	Temper	Al	Cu	Mg	Si	Fe	Mn	Zn	Ti	Cr	Elong (%)	UTS ksi	Yield ksi
Standard	Standard	8.948-1.636	0.357-0.064				6061	T6	remainder	0.75-0.40	0.3-1.3	0.30-0.8	0.7max	0.15max	0.25max	0.15max	0.04-0.35	10min	42.0min	35.0min
Standard	Standard	1.651-3.251	0.065-0.128				6061	T6	remainder	0.15-0.40	0.3-1.3	0.30-0.8	0.7max	0.15max	0.25max	0.15max	0.04-0.35	10min	42.0min	35.0min
Standard	Standard	3.177-6.375	0.125-0.250				6061	T6	remainder	0.15-0.40	0.3-1.3	0.30-0.8	0.7max	0.15max	0.25max	0.15max	0.04-0.35	10min	42.0min	35.0min
201802200118	6730987001	1.648*1219.2	0.065348	1.535	0.060	4.193	6061	T6	remainder	0.25	0.38	0.40	0.25	0.11	0.07	0.02	0.24	14.0	47.7	41.5
The following block:																				

ORIGIN OF GOODS AS ALMAN ALUMINIUM INC.

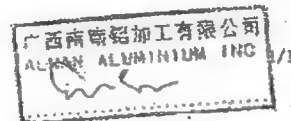
ACTUAL MILL CHEMICAL AND MECHANICAL PROPERTY TEST REPORTS IN IMPERIAL NOMENCLATURE REQUIRED PER SKID

MATERIAL CONFORMS FOR ALLOY 6061, T6, AS PER ASTM B209-18, AMS QQA 250M11, AMS 4027 AND ALUMINUM ASSOCIATION STANDARDS-2009 IN ALL ASPECTS.

COUNTRY OF MELT AND MANUFACTURE: CHINA

Issued by QA73

Reviewed by QA77



67970 Pal 48186061

MILL TEST QUALITY CONTROL CERTIFICATE

ALUMINUM INC.

No.55 Tingfang Road Hanning Guangxi 530031, China

10

CUSTOMER	ADDRESS	PRODUCT TYPE	DATE
EMPIRE RESOURCES, INC.	2115 LINWOOD AVENUE, 2ND FLOOR, FORT LEE, NJ 07024, USA	Aluminum Alloy Sheet	February 6, 2016

UPROPE Lot Number	WEAT Number	Dimension (mm)	Dimension (inch)	Act Thick (mm)	Act Thick (inch)	Weight Per FT	Alloy	Temper	Al	Cu	Mg	Si	Fe	Mn	Zn	Ti	Cr	Elong (%)	UTS ksi	Yield ksi
Standard	Standard	0.152-0.178	0.006-0.007				2061	T6	remainder	0.15-0.20	0.3-1.2	0.10-0.3	0.7max	0.15max	0.25max	0.15max	0.04-0.35	4min.	42min.	35min.
Standard	Standard	0.302-0.329	0.009-0.009				0961	T6	remainder	0.15-0.20	0.3-1.2	0.10-0.3	0.7max	0.15max	0.25max	0.15max	0.04-0.35	4min.	42min.	35min.
Standard	Standard	0.354-0.383	0.010-0.010				0061	T6	remainder	0.15-0.20	0.3-1.2	0.10-0.3	0.7max	0.15max	0.25max	0.15max	0.04-0.35	4min.	42min.	35min.
Standard	Standard	0.533-0.535	0.021-0.021				6061	T6	remainder	0.15-0.20	0.3-1.2	0.10-0.3	0.7max	0.15max	0.25max	0.15max	0.04-0.35	4min.	42min.	35min.
291600000001	6151004	3.175" 12.119" 2.238" 4	0.125" 0.009" 0.009	3.000	0.121	1.610	6061	T6	remainder	0.23	1.05	0.63	0.21	0.13	0.07	0.02	0.24	15.5	45.0	39.2
291600000002	6151024	3.175" 12.119" 2.238" 4	0.125" 0.009" 0.009	3.000	0.121	1.610	6061	T6	remainder	0.23	1.05	0.63	0.21	0.13	0.07	0.02	0.24	15.5	45.0	39.2
291600000003	6151024	3.175" 12.119" 2.238" 4	0.125" 0.009" 0.009	3.000	0.121	1.610	6061	T6	remainder	0.23	1.05	0.63	0.21	0.13	0.07	0.02	0.24	15.5	45.0	39.2

ORIGIN OF GOODS AS ALUMINUM INC.
 ACTUAL MILL CHEMICAL AND MECHANICAL PROPERTY TEST REPORTS IN IMPERIAL NOMENCLATURE REQUIRED PER SKD
 MATERIAL CONFORMS FOR ALLOY 6061, T6, AS PER AMS QQA 25011, AMS 4027, ASTM-B209-10 SB-209 AND ALUMINUM ASSOCIATION STANDARDS-2009 IN ALL ASPECTS.
 COUNTRY OF MILET AND MANUFACTURE CHINA

Issued by QA511

Reviewed by QA510

广西南铝加工有限公司
 ALUMINUM INC.
 6061

71518 KAL 12
WTS2

Test de dureté Rockwell
Rockwell Hardness Test

Client / Customer : LES ACIERS TRANSBEC (1997) LTEE.
Adresse / Address : 4054 BOUL LE CORBUSIER # 201
LAVAL, QC
H7L5N2

commande Sapa / Sapa order # : 6100118
bon de commande / Purchase order # : 46541
de matrice / Die # : MS 9905
Alliage & trempage / Alloy & temper : 6061 T6
Contrôle / Control # : 77604-1
Coulée / Cast # : 67463

Dureté Rockwell E / Min. requis / Max. permis /
Rockwell E hardness : 94 HRE Min. required : 88 HRE Max. permitted : 100 HRE

Composition chimique typique / Typical chemical composition :

	Si	Fe	Cu	Mn	Mg	Cr	Zn	P
6063	0.20 - 0.60	0.35 Max	0.10 Max	0.10 Max	0.45 - 0.90	0.10 Max	0.10 Max	0.10 Max
6065	0.60 - 0.90	0.35 Max	0.10 Max	0.10 Max	0.40 - 0.60	0.10 Max	0.10 Max	0.10 Max
6068A	0.66 - 0.74	0.14 - 0.28	0.08 - 0.16	0.18 - 0.26	0.46 - 0.54	0.03 Max	0.05 Max	0.05 Max
6061	0.40 - 0.80	0.70 Max	0.15 - 0.40	0.15 Max	0.80 - 1.20	0.04 - 0.35	0.25 Max	0.15 Max
6351	0.7 - 1.3	0.5 Max	0.10 Max	0.40 - 0.80	0.40 - 0.80	—	0.20 Max	0.20 Max

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norme ASTM B-221-14 excepté pour la section 8.2 (nombre de spécimen).

We hereby certify that the material supplied meets the chemical properties as published by the ASTM B-221-14 except for section 8.2 (number of specimen).
Sincèrement vôtre, date : 2016-10-14
Yours truly,


Gilles Pelletier
Technicien de la qualité
Quality technician

PO/Rel AC00003244

Non certifiés que le document reproduit ici est
une copie conforme du rapport fourni par le
fournisseur du matériel ou les données résultant

de l'analyse faite par un laboratoire qualifié.
SIGNÉ PAR: LUCY TRUGLIO

BL VM4-300945-001

16Feb17
Pg 1/1

Certificate of Mill Test Results

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



Service Center Metals
5850 Quality Way
Prince George, VA 23875

CERTIFICATION NUMBER: 246812
REV: 1

ROLL TO	MANIFEST NUMBER	DIE NUMBER	DATE OF SHIPMENT	CERTIFICATION
	275009	RD0370	10/21/2015	ASTM-B221-14 No Standl
SHIP TO	CUSTOMER PO	ALLOY / TEMPER	SALES PERSON	SPECIFICATION
	VIM-632672	6061-T6511	D. Schroeder (Canada)	AMS-QCA-2008 - 1997
Quantity Certified	CUSTOMER PART NUMBER	DESCRIPTION		
662 lbs 186 pcs	RD0370	Lightning Rod/Tile 0.562 +.004/- .003		

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA.

Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6

MECHANICAL PROPERTIES		TEST DATE	TENSILE STRENGTH		YIELD STRENGTH		PERCENT ELONGATION	
Test	Lot No.		Strength (KSI)		(KSI)		Elongation	
			min	max	min	max	min	max
2	201519663	10/10/15	48.70	49.10	45.80	46.10	16.30	16.75

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	AL	Offset		Melt Source
												Each	Total	
00211504	201519663	6061	0.76	0.36	0.31	0.11	0.88	0.15	0.08	0.02	97.33	0.05	0.15	United States of America
10031502	201519663	6061	0.73	0.35	0.32	0.11	0.90	0.16	0.08	0.02	97.32	0.05	0.15	United States of America

Print Date: 10/21/2015

Calvin J. Wilgins, Director of Quality & Technical Services

Rev 0/2/11 - UMS

45454

68623

RAL 58

Test de dureté Rockwell
Rockwell Hardness Test

Client / Customer: LES ACIERS TRANSPEC (1977) LTEE.

Adresse / Address: 4054 BOUL. LE COMUSIER, #201
LAVAIL, QC
H7L5R2

commande Sapa / Sapa order #: 4031287

bon de commande / Purchase order #: OU-45448

de matrice / Die #: MS 9907 Description: 5/8" DIA ROD

Alliage & trempage / Alloy & temper: 40316 Longueur / length: 4097 mm

de contrôle / Control #: 45547-1

de coulée / Cast #: 44092

Dureté Rockwell E / Min. requis /
Rockwell E hardness: 92 HRE Min. required: 88 HRE Max. permis /
Max. permitted: 100 HRE

Composition chimique typique / Typical chemical composition:

	C	Fe	Cu	Mn	Mg	Cr	Zn	P
4031	0.20-0.40	0.35 Max	0.10 Max	0.10 Max	0.45-0.90	0.10 Max	0.10 Max	0.10 Max
4031	0.40-0.90	0.35 Max	0.10 Max	0.10 Max	0.40-0.60	0.10 Max	0.10 Max	0.10 Max
4031	0.44-0.74	0.14-0.28	0.08-0.16	0.18-0.26	0.46-0.54	0.03 Max	0.05 Max	0.05 Max
4031	0.40-0.80	0.20 Max	0.15-0.40	0.15 Max	0.80-1.20	0.04-0.35	0.25 Max	0.15 Max
4031	0.7-1.3	0.5 Max	0.10 Max	0.40-0.80	0.40-0.80	—	0.20 Max	0.20 Max

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par le norme ASTM B-221-14 excepté pour la section 8.2 (nombre de spécimen).

We hereby certify that the material supplied meets the chemical properties as published by the ASTM B-221-14 except for section 8.2 (number of specimen).

Sincèrement vôtre, date: 2016-05-12
Yours truly,


Gilles Pelletier
Technicien de la qualité
Quality technician

66513 RAL 1

**Test de dureté Rockwell
Rockwell Hardness Test**

Client / Customer: LES ACIERS TRANSSEC (1997) LEE.

Adresse / Address: 4054 BOUL. LE CORBUSIER, #201
LAVAIL, QC
H7L5R2

commande Sapa / Sapa order #: 5100562

bon de commande / Purchase order #: OU-44741

de matrice / Die #: MS 9913

Alliage & trempage / Alloy & temper: 4041 T6

Contrôle / Control #: 58238-1

Coulee / Cast #: 64405

Dureté Rockwell E / Min. requis /
Rockwell E hardness: 94 HRE Min. required: 88 HRE Max. permis /
Max. permitted: 100 HRE

Description: 1" DIA. ROD
Longueur / Length: 6097 mm DAS 9-03

Composition chimique typique / Typical chemical composition:

Alloye/Alloy	Si	P	Cu	Mn	MR	Cr	Zn	N
4043	0.20 - 0.60	0.35 Max	0.10 Max	0.10 Max	0.45 - 0.90	0.10 Max	0.10 Max	0.10 Max
4045	0.60 - 0.90	0.35 Max	0.10 Max	0.10 Max	0.40 - 0.80	0.10 Max	0.10 Max	0.10 Max
4046A	0.66 - 0.74	0.14 - 0.28	0.08 - 0.16	0.18 - 0.26	0.46 - 0.54	0.03 Max	0.05 Max	0.05 Max
4041	0.40 - 0.80	0.70 Max	0.15 - 0.40	0.15 Max	0.80 - 1.20	0.04 - 0.35	0.25 Max	0.15 Max
4341	0.2 - 1.3	0.5 Max	0.10 Max	0.40 - 0.80	0.40 - 0.80	—	0.20 Max	0.20 Max

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norme ASTM B-221-14 excepté pour la section 8.2 (nombre de spécimen).

We hereby certify that the material supplied meets the chemical properties as published by the ASTM B-221-14 except for section 8.2 (number of specimen).

Sincèrement votre,
Yours truly,
date: 2015-11-12



Gilles Pelletier
Technicien de la qualité
Quality technician

67619 RAL 112

Test de dureté Rockwell
Rockwell Hardness Test

Client / Customer: LES ACIERS TRANSSEC (1997) LEE

Adresse / Address: 4054 BOUL. LE COMUSIER #201
LAVAL, QC
H7L5R2

commande Sapa / Sapa order #: 4010812

bon de commande / Purchase order #: OU-45179

de molette / Die #: MS 9917 Description: 1.5" DIA. ROD

Alliage & Tempage / Alloy & Temper: 6061 T6 Longueur / Length: 6097 mm

Contrôle / Control #: 40408-1

Coulée / Cast #: 45124

Dureté Rockwell E / Min. requis /
Rockwell E hardness: 97 HRE Min. required: 98 HRE Mox. permis /
Mox. permitted: 100 HRE


Composition chimique typique / Typical chemical composition:

	Si	Fe	Cu	Mn	Mg	Cr	Zn	P
4045	0.20 - 0.60	0.35 Max	0.10 Max	0.10 Max	0.45 - 0.80	0.10 Max	0.10 Max	0.10 Max
4048	0.60 - 0.90	0.35 Max	0.10 Max	0.10 Max	0.40 - 0.60	0.10 Max	0.10 Max	0.10 Max
4050	0.68 - 0.72	0.15 - 0.27	0.08 - 0.12	0.20 - 0.24	0.48 - 0.52	0.03 Max	0.05 Max	0.03 Max
4051	0.40 - 0.80	0.20 Max	0.15 - 0.40	0.15 Max	0.80 - 1.20	0.04 - 0.25	0.25 Max	0.15 Max
4052	0.7 - 1.3	0.5 Max	0.10 Max	0.40 - 0.80	0.40 - 0.80	—	0.20 Max	0.20 Max

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norme ASTM B-221-14 excepté pour la section 8.2 (nombre de spécimen).

We hereby certify that the material supplied meets the chemical properties as published by the ASTM B-221-14 except for section 8.2 (number of specimen).

Sincèrement vôtre,
Yours truly,
date: 2014-02-04


Gilles Pelletier
Technicien de la qualité
Quality technician

PO Ref: AC0003248
 Nous certifions que le document reproduit ici est une copie conforme du rapport fourni par le fournisseur du matériel ou les données relatives

ACTIER OUELLETTE DIV. VALLEYVIEW
 BARRE COURTE ACIER INOX 303
 1/8" X 1/2" 250P
 PART NO.



Product Certification Report
 Report Number: 5210400

Order No.	1600098 001	Order Date	1/15/16	Customer Name	VALBRUNA CANADA LTD.
Part No.	1.0000	Lot No.	0000	Customer Lot	002476
Product Name	Cold Drawn Squares	Product Code	0000	Customer Code	303
Finish	Cold Drawn Finish	Material	303	Melt Date	10/12/15
Length (feet)	132.000 Min. 156.000 Max.	Weight (lbs)	426563		

VALBRUNA CANADA LTD.
 8724 HOLGATE CRESCENT
 MILTON, ONTARIO L9T5S1

Sold To

9-88 Ship To

ITEM 0054-0064

ASTM 303

UNS S30300

AMS 5640U TYPE 1

CHEMICAL ANALYSIS

C Mn P S Si Cr Ni Mo Cu Co N

0.04 1.74 0.029 26 51 17.27 8.12 25 .55 .10 .02

BRINELL (Type A device) (E-10)

227

TENSILE PROPERTIES ASTM B8-15a

TS (PSI) 7455 (PSI) YEL(2") 48A

106000 61700 47.2 60.1

MACRO ASTM E340-15/E381-01

MACRO

OK

No welding or weld repair done.

Material when shipped is free from contamination by mercury, radium, alpha source, and low melting elements.

Reduction Ratio Exceeds 4:1

Electric Furnace melted; AOD refined.

Chemical testing to one or more of the listed ASTM methods:

E415-14, E1019-11, E1086-14.

Location of tensile fracture: inside middle of gage length, 1/2" along after fracture.

Chemical Analysis performed at Acciaierie Valbruna, Italy.

No mercury or low melting alloy contamination. No weld repair.

Melted and manufactured in Italy.

Material conforms to listed specifications and is DEARS compliant.

Quality system is compliant with ISO 9001:2008. Produced in accordance with EN 10204 3.1.

Results relate only to the items tested. Certification shall not be reproduced except in full, without written approval of Valbruna Stainless Inc. The recording of false, fictitious, or fraudulent statements on this document may be punished as a felony under federal statutes. Including Federal law Title 18, Chapter 47. Consult material safety data sheet (MSDS) for hazard info.

I hereby certify that the reported figures are correct as contained in the records of the corporation.

Manager Laboratory Services

Detriti Hecchi



CHANDAN STEEL LIMITED
(GOVT. OF INDIA RECOGNISED EXPORT HOUSE)
ISO 9001 : 2008 CERTIFICATE No. 84 1807023-03

ADMA OFFICE: 101, BANGALORE, H & PATIL ROAD, CHANDAN STEEL, INDIA
Tel: 91-22-4688688, Fax: 91-22-4688633/04
Website: www.chandansteel.com
Email: info@chandansteel.com
I/c. No.:
I/c. Date:

WORKS: Plot No. 35, C. I. D. C. Vadgaon
Dist. Valsad, Gujarat - 396 171.
Tel: 91-260-288 9999 Fax: 91-260-288 9972
E-mail: export@chandansteel.com

AC3241
NS 3414

MS24 QC 09A / 03/10/12/2012

MILL TEST / INSPECTION CERTIFICATE 3.1
ACCORDING TO EN 10204 : 2005

FIDELITY FAC METALS LTD. 1303 NORTH SERVICE ROAD EAST, UNIT # 1 OAKVILLE, ON L6H 1A7, CANADA				Test Certificate No. : EXP/00509 - 01/2015-2016 Date of Issue : 03.09.2015 P. O. No. : P004010 SC No. & Date : 15-16/00182, Dt. 30.05.2015 Invoice No. & Date : EXP/00509/2015-16 Dt. 03.09.2015								
PRODUCT DESCRIPTION STAINLESS STEEL ROUND BARS				LENGTH		Net Wt. 4922 LBS.						
				Ordered 12' - 14'	Actual 12' - 14'							
Heat No. CH-2832	Grade AISI/DIN 303/1.4308	Size mm/inches 1"	Tolerance h9	Process Route Electric Melting, A.O.D. Refining, Continuous Casting								
CHEMICAL COMPOSITION (Weight %)												
	C	Si	Mn	P	S	Cr	Mo	Ni	Cu	Ti	Co	N
Min.	-	-	-	-	0.350	17.00	-	0.00	-	-	-	-
Max.	0.100	1.00	2.00	0.045	0.350	19.00	-	10.00	1.00	-	-	0.1100
Results	0.077	0.56	1.78	0.043	0.292	17.05	-	0.02	0.18	-	-	0.0640
MECHANICAL PROPERTIES								Test Method :- DIN EN ISO 148 - 1 Charpy (V) Impact Test (2mm) at 20 °C (Joules) Sample Size -				
Specified Values	Proof Strength N/mm ² /MPa		Tensile Strength N/mm ² /MPa (Rm)	Elongation after Fracture A %	Reduction of Area %	Hardness (HBN)	1 2 3 Avg.					
	0.2% (Rp0.2)	1% (Rp1.0)										
Results	438	487	695	39	58	219-222	-	-	-	-		
Remarks: 1. Cold drawn & Centreless Ground. 2. Solution annealed at 1050 °C. 3. PMJ test done 100% & found Satisfactory. 4. The material is fully killed and calcium treated. 5. Material is free from radio-active contamination. 6. The material conforms to EN 10088-3:2005 & ASTM A 582-12 Specifications. 7. Location of sample - off centre, Direction - Longitudinal, Test Temp - Room Temp., Shape of Test Piece - Round. 8. Marking details - Company Logo, Size, Grade & Heat No. 9. The material is manufactured/melt in Chandan Steel Mill and is of Indian Origin.								COLOUR : BLUE				
BUNDLE NO.: 54, 55, 62 & 63												

It is hereby certified that the above results are true and correct in every detail and are meeting the requirements of specification & purchase order.

B. S. RAUTELA
MANAGER - QUALITY ASSURANCE

U.C. 11/1/15
SR12/04/15

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304S14GA
 DATE: 17.02.27

PO / BATCH NO.: P035309/11136896

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 32 39/Ft
 QUANTITY INSPECTED: 32 39/Ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .030
 THICKNESS RECEIVED: .076
 SHEET SIZE ORDERED: 4' x 8'
 SHEET SIZE RECEIVED: 4' x 8'

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORROSION	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
PHOTO REQUIRED	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	ASTM A240
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	2703
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>289</u> DATE: <u>17.02.27</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304316
 DATE: 11-02-27

PO / BATCH NO: P035309/M36896

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 32 sq/ft
 QUANTITY INSPECTED: 32 sq/ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .063
 THICKNESS RECEIVED: .058
 SHEET SIZE ORDERED: 4x8
 SHEET SIZE RECEIVED: 4x8

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> (N)	
CORRECT FINISH	<input checked="" type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> (N)	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> (N)	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	ASTM 240
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> N	2907
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>[Signature]</u> DATE: <u>11-02-27</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M3045226A
 DATE: 17.02.27

PO / BATCH NO.: P035305 / M136896

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 64 sq/ft
 QUANTITY INSPECTED: 64 sq/ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .032
 THICKNESS RECEIVED: .028
 SHEET SIZE ORDERED: 4x8
 SHEET SIZE RECEIVED: 4x8

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y	<input type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	<input type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y	<input type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	<input type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	<input type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	<input type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y	<input type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	<input type="radio"/> N	ASTM A240
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	<input type="radio"/> N	303527 303527
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	<input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	<input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y	<input type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y	<input type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>9-89</u> DATE: <u>17.02.27</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304524GA

PO / BATCH NO.: P035309 / M136896

DATE: 17.02.27

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: .032 .025

QUANTITY RECEIVED: 32 55/Ft

THICKNESS RECEIVED: .024

QUANTITY INSPECTED: 32 55/Ft

SHEET SIZE ORDERED: 4x8

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: 4x8

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL	(Y)	N	
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT MATERIAL	(Y)	N	ASTM 240
CORRECT REF # TO LINK CERT	(Y)	N	240 D01K
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>g-89</u>	SIGNED OFF BY: _____		
DATE: <u>17.02.27</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: H6061765.063
DATE: 17.02.21

PO / BATCH NO: P035308 / M136896

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 96 sq/Ft
QUANTITY INSPECTED: 96 sq/Ft
QUANTITY REJECTED: 0

THICKNESS ORDERED: .063"
THICKNESS RECEIVED: .058"
SHEET SIZE ORDERED: 4'x8'
SHEET SIZE RECEIVED: 4'x8'

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL	(Y) N	
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT MATERIAL	(Y) N	AHS 00 250/11
CORRECT REF # TO LINK CERT	(Y) N	6150987001
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>9</u>	SIGNED OFF BY: _____		
DATE: <u>17.02.21</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6S.125
 DATE: 17-02-27

PO / BATCH NO.: P035309/M136896

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 64 39/Ft
 QUANTITY INSPECTED: 64 39/Ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .125"
 THICKNESS RECEIVED: .120"
 SHEET SIZE ORDERED: 4x8
 SHEET SIZE RECEIVED: 4x8

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	N	
CORRECT FINISH	Y	N	
CORROSION	Y	N	
CORRECT GRAIN DIRECTION	Y	N	
CORRECT MATERIAL	Y	N	
CORRECT THICKNESS	Y	N	
PHOTO REQUIRED	Y	N	
CORRECT MATERIAL	Y	N	AMS QQ A 750
CORRECT REF # TO LINK CERT	Y	N	6151024
CORRECT MATERIAL IDENTIFICATION	Y	N	
CORRECT M# ON THE MATERIAL	Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>9-80</u>	SIGNED OFF BY: _____		
DATE: <u>17-02-28</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: H6061T6R0.500

PO / BATCH NO.: P035309/H136896

DATE: 17.02.28

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: .500

QUANTITY RECEIVED: 20'

THICKNESS RECEIVED: _____

QUANTITY INSPECTED: 20'

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> <input type="checkbox"/>	
CORRECT FINISH	<input type="checkbox"/> <input checked="" type="checkbox"/>	
CORROSION	<input type="checkbox"/> <input type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input type="checkbox"/> <input type="checkbox"/>	
CORRECT MATERIAL	<input type="checkbox"/> <input type="checkbox"/>	
CORRECT THICKNESS	<input type="checkbox"/> <input type="checkbox"/>	
PHOTO REQUIRED	<input type="checkbox"/> <input type="checkbox"/>	
CORRECT MATERIAL	<input type="checkbox"/> <input type="checkbox"/>	ASTM B221
CORRECT REF # TO LINK CERT	<input type="checkbox"/> <input type="checkbox"/>	67463
CORRECT MATERIAL IDENTIFICATION	<input type="checkbox"/> <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input type="checkbox"/> <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input type="checkbox"/> <input type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input type="checkbox"/> <input type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>[Signature]</u> DATE: <u>17.02.28</u>	SIGNED OFF BY: _____ DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6R0.563

PO / BATCH NO.: P035309/M136896

DATE: 17-02-23

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .563
 THICKNESS RECEIVED: .563
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL	(Y)	N	
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT MATERIAL	(Y)	N	ASTM B221
CORRECT REF # TO LINK CERT	(Y)	N	09211304
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>9</u> DATE: <u>17-02-23</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T680.625

PO / BATCH NO.: 1035309 / M136896

DATE: 17.02.23

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: .625"

QUANTITY RECEIVED: 20'

THICKNESS RECEIVED: .620"

QUANTITY INSPECTED: 20'

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL	(Y) N	
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT MATERIAL	(Y) N	ASTM B221
CORRECT REF # TO LINK CERT	(Y) N	66092
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>1-89</u> DATE: <u>17.02.23</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6R1.00

PO / BATCH NO.: P035309/M136896

DATE: 17-02-20

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: 1.00

QUANTITY RECEIVED: 20

THICKNESS RECEIVED: _____

QUANTITY INSPECTED: 20

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL	(Y)	N	
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT MATERIAL	(Y)	N	ASTM B221
CORRECT REF # TO LINK CERT	(Y)	N	64405
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	(Y)	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>9</u>	SIGNED OFF BY: _____		
DATE: <u>17-02-20</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061681.50

PO / BATCH NO.: 9035309 / M138896

DATE: 17-02-28

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: 1.50

QUANTITY RECEIVED: 20'

THICKNESS RECEIVED: 1.50

QUANTITY INSPECTED: 20'

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL	(Y)	N	
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT MATERIAL	(Y)	N	ASTM B221
CORRECT REF # TO LINK CERT	(Y)	N	65124
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>8.30</u>	SIGNED OFF BY: _____		
DATE: <u>17-02-28</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: HIDP518GA
 DATE: 17-02-27

PO / BATCH NO.: 035309/H136896

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 32 sq/ft
 QUANTITY INSPECTED: 32 sq/ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .043"
 THICKNESS RECEIVED: .045
 SHEET SIZE ORDERED: 4'x8'
 SHEET SIZE RECEIVED: 4'x8'

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL	(Y) N	
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT MATERIAL	(Y) N	ASTM A 1009
CORRECT REF # TO LINK CERT	(Y) N	TU-6200715 E60-2016
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.
 RECORD RESULTS BELOW

TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>9-80</u>	SIGNED OFF BY: _____		
DATE: <u>17-02-27</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 12024135.000

PO / BATCH NO.: 1035309/1136896

DATE: 17.02.27

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 48 SS / FL
 QUANTITY INSPECTED: 48 SS / FL
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .080"
 THICKNESS RECEIVED: .078"
 SHEET SIZE ORDERED: 4'x12'
 SHEET SIZE RECEIVED: 4'x12'

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL	(Y)	N	
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT MATERIAL	(Y)	N	AMS QQ-A-250
CORRECT REF # TO LINK CERT	(Y)	N	20033361
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>PD</u>	SIGNED OFF BY: _____		
DATE: <u>17.02.27</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303B 1.00x1.00

PO / BATCH NO.: P035309 / M136896

DATE: 17.02.23

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: 1.00"

QUANTITY RECEIVED: 12'

THICKNESS RECEIVED: .0096 .096"

QUANTITY INSPECTED: 12'

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL	(Y)	N	
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT MATERIAL	(Y)	N	ASTM A582
CORRECT REF # TO LINK CERT	(Y)	N	268522
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>9-89</u>	SIGNED OFF BY: _____
DATE: <u>17.02.23</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO35309

Purchase Order Date 2/14/2017

PO Print Date 2/17/2017

Page Number 1 of 9

Order From :

VC-CAM002

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

REVISED

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M1010S18GA	1010/1025 SHEET .048	2/17/2017 Yes 2/17/2017		32.00 sf	\$1.50	\$48.00
MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W MINIMUM YIELD TENSILE STRENGTH = 28KSI MINIMUM ULTIMATE TENSILE STRENGTH = 42 KSI COLD ROLLED							

Line Total: \$48.00

2	M2024T3S.080	2024-T3 .080 sheet	2/17/2017 Yes 2/17/2017		48.00 sf	\$8.73	\$418.98
MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209							

Line Total: \$418.98

PO Instructions: quotation: sou0015905,
quotation: sou0015884

Note:

2/17/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO35309

Purchase Order Date 2/14/2017

PO Print Date 2/17/2017

Page Number 2 of 9

Order From :

VC-CAM002

Ship To : DART AEROSPACE LTD

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

800 667 4248

Ship To Contact

Ship To Phone

Ship Via:

Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

4 M303B1.000X1.000 303 BAR 1" X 1" 2/17/2017
Yes
2/17/2017

MATERIAL: AISI 303 SS BAR AS PER ASTM A582
NOTE: AISI 304/316 NOT ACCEPTABLE

12.00

\$9.58

\$115.00

Line Total:

\$115.00

5 M303R1.000 303 Round Bar 1.00 2/17/2017
Yes
2/17/2017

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

12.00

\$8.25

\$99.00

Line Total:

\$99.00

6 M304R1.000 304 round bar 1.00 2/17/2017
Yes
2/17/2017

MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276

(NOTE: AISI 303 NOT ACCEPTABLE)

12.00

\$4.66

\$55.87

Line Total:

\$55.87

PO Instructions: quotation: sou0015905,
quotation: sou0015884

Note:

2/17/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO35309

Purchase Order Date 2/14/2017
PO Print Date 2/17/2017

Page Number 3 of 9

Order From :
ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

VC-CAM002

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name			Buyer	Chantal Lavoie		
Vendor Phone			Customer POID			
800 667 4248			Customer Tax #	10127-2607		
Ship To Contact			Terms	Net 30		
Ship To Phone			Currency	CAD		
Ship Via:			FOB	FCA - (Free Carrier)		
Ship Acct:						
Yours ppd						
7	M304S14GA ✓	304SS sheet .080 ✓	2/17/2017	32.00 ✓	\$8.37	\$267.68
			Yes	sf		
			2/17/2017			
PURCHASE MATERIAL: AISI 304/316 SS SHEET ANNEALED SPECIFICATION: MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) ORASTMA240 OR ASME SA240						
				Line Total:	\$267.68	
8	M304S16GA ✓	304/316 Sheet .063 ✓	2/17/2017	32.00 ✓	\$6.51	\$208.28
			Yes	sf		
			2/17/2017			
PURCHASE MATERIAL: AISI 304/316 SS SHEET ANNEALED SPECIFICATION: MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) ORASTMA240 OR ASME SA240						
				Line Total:	\$208.28	

PO Instructions: quotation: sou0015905,
quotation: sou0015884

Note:



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO35309**

Purchase Order Date 2/14/2017

PO Print Date 2/17/2017

Page Number 4 of 9

Order From :

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

VC-CAM002

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

800 667 4248

Ship To Contact

Ship To Phone

Ship Via:

Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

9 M304S22GA

304/316 .032 Sheet

2/17/2017

Yes

2/17/2017

64.00

\$3.04

\$194.66

PURCHASE MATERIAL: AISI 304/316 SS SHEET

ANNEALED

SPECIFICATION: MIL-S-5059

OR AMS 5513 (304)

OR AMS 5524 (316)

ORASTMA240

OR ASME SA240

Line Total:

\$194.66

10 M304S24GA

304/316 .025 Sheet

2/17/2017

Yes

2/17/2017

32.00

\$2.79

\$89.36

PURCHASE MATERIAL: AISI 304/316 SS SHEET

ANNEALED

SPECIFICATION: MIL-S-5059

OR AMS 5513 (304)

OR AMS 5524 (316)

ORASTMA240

OR ASME SA240

Line Total:

\$89.36

PO Instructions: quotation: sou0015905,
quotation: sou0015884

Note:

2/17/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO35309

Purchase Order Date 2/14/2017

PO Print Date 2/17/2017

Page Number 5 of 9

Order From :

VC-CAM002

Ship To : DART AEROSPACE LTD

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

800 667 4248

Ship To Contact

Ship To Phone

Ship Via:

Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

11	M6061T6S.032	6061-T6 Sheet 0.032"	2/17/2017	64.00	\$1.98	\$126.69
			Yes	sf		
			2/17/2017			

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR ASTM B209

Line Total: \$126.69

12	M6061T6S.063	6061-T6 .063 Sheet	2/17/2017	96.00	\$3.12	\$299.23
			Yes	sf		
			2/17/2017			

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR ASTM B209

Line Total: \$299.23

13	M6061T6S.125	6061-T6 .125 Sheet	2/17/2017	64.00	\$6.79	\$434.59
			Yes	sf		
			2/17/2017			

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR ASTM B209

PO Instructions: quotation: sou0015905,
quotation: sou0015884

Note:

2/17/2017

3x

2x

8217-02-22



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO35309

Purchase Order Date 2/14/2017

PO Print Date 2/17/2017

Page Number 6 of 9

Order From :

VC-CAM002

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Total: \$434.59

14	M6061T6S.050	6061-T6 .050 Sheet	2/17/2017	32.00	\$1.84	\$58.81
			Yes	sf		
			2/17/2017			

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR ASTM B209

Line Total: \$58.81

15	M6061T6R0.500	6061-T6 Round Bar .500"	2/17/2017	20.00	\$0.58	\$11.69
			Yes	f		
			2/17/2017			

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$11.69

PO Instructions: quotation: sou0015905,
quotation: sou0015884

Note:

2/17/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO35309

Purchase Order Date 2/14/2017

PO Print Date 2/17/2017

Page Number 7 of 9

Order From :

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

VC-CAM002

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

16	M6061T6R0.563	6061-T6 ROUND BAR .563	2/17/2017	12.00	\$4.25	\$51.00
			Yes	f		
			2/17/2017			

DAS 9-85 MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$51.00

17	M6061T6R0.625	6061-T6 Round Bar .625"	2/17/2017	20.00	\$0.97	\$19.49
			Yes	f		
			2/17/2017			

DAS 9-85 MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$19.49

18	M6061T6R1.000	ROUND BAR 1.00"	2/17/2017	20.00	\$2.47	\$49.39
			Yes	f		
			2/17/2017			

DAS 9-85 MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

PO Instructions: quotation: sou0015905,
quotation: sou0015884

Note:

2/17/2017

5017-02-22



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO35309

Purchase Order Date 2/14/2017

PO Print Date 2/17/2017

Page Number 8 of 9

Order From :

VC-CAM002

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

					Line Total:	\$49.39
19	M6061T6R1.500	6061-T6 Round Bar 1.50	2/17/2017	20.00	\$5.23	\$104.61
			Yes			
			2/17/2017			
MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR						
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116						
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR						
ASTM B221						
Line Total:						\$104.61
20	71400-15	GALV. SHEET 26G PAINT WHITE POLAR	2/17/2017	2.00	\$82.00	\$164.00
			Yes	Each		
			2/17/2017			
Line Total:						\$164.00

Deliver To: ERIC.L

PO Instructions: quotation: sou0015905,
quotation: sou0015884

Note:

2/17/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO35309

Purchase Order Date 2/14/2017

PO Print Date 2/17/2017

Page Number 9 of 9

Order From :

VC-CAM002

Ship To : DART AEROSPACE LTD

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

800 667 4248

Ship To Contact

Ship To Phone

Ship Via:

Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

21	71401-45	PROCUREMENT QUALITY CLAUSES	2/17/2017	1.00	\$0.00	\$0.00
----	----------	--------------------------------	-----------	------	--------	--------

No

2/17/2017

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

217-02-22

Line Total:

\$0.00

PO Total:

\$2,816.33

PO Instructions: quotation: sou0015905,
quotation: sou0015884

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr:

2

Change Date: 2/17/2017